

Notice of Allowability	Application No.	Applicant(s)	
	10/010,061	CALVIN, JAMES G.	
	Examiner	Art Unit	
	Sam K. Ahn	2611	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable; PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 06/28/07.
2. ☒ The allowed claim(s) is/are 1-30, 32-50 and 55-57, renumbered in this office action.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>20070823</u> |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Charlton Shen on 08/30/07.

The application has been amended as follows:

In claim 7, line 1, "Isolation logic" has been changed to "An isolation logic circuit".

In claim 8, line 1, "Isolation logic" has been changed to "An isolation logic circuit", line 2, "device," has been changed to "device, and".

In claim 9, line 1, "Isolation logic" has been changed to "An isolation logic circuit", line 2, "transferred" has been changed to "transferred.".

In claim 10, line 1, "Isolation logic" has been changed to "An isolation logic circuit".

In claim 11, line 1, "Isolation logic" has been changed to "An isolation logic circuit".

In claim 12, line 1, "Isolation logic" has been changed to "An isolation logic circuit", line 2, "any of a FoxCommTM, HARTTM or other" has been changed to "an".

In claim 13, line 1, "Isolation logic" has been changed to "An isolation logic circuit".

In claim 14, line 6, "converted" has been changed to "converted analog frequency shift keying (FSK) signal".

In claim 15, line 2, "PWM signals" has been changed to "PWM signal", line 3, "AM signals" has been changed to "AM signal".

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In claim 17, line 3, "an FSK" has been changed to "the FSK".

In claim 21, lines 2-3, "any of a FoxCommTM, HARTTM or other" has been changed to "an".

In claim 23, line 11, "on the FSK" has been changed to "on the first FSK".

In claim 24, line 3, "an FSK" has been changed to "a third FSK".

In claim 25, line 3, "an FSK" has been changed to "a fourth FSK".

In claim 30, line 2, "any of a FoxCommTM, HARTTM or other" has been changed to "an".

In claim 34, lines 1-2, "comprising generating the PWM signal from an FSK signal" has been changed to "wherein the FSK signal is".

In claim 37, line 2, "any of a FoxCommTM, HARTTM or other" has been changed to "an".

In claim 39, line 10, "a FSK signal" has been changed to "another analog FSK signal".

In claim 41, line 2, "an FSK" has been changed to "the FSK".

In claim 42, line 2, "an FSK" has been changed to "the FSK".

In claim 44, line 1, "the FSK signals" has been changed to "the FSK signal and said another FSK signal", line 2, "any of a FoxCommTM, HARTTM or other" has been changed to "an".

In claim 47, line 2, "a further FSK" has been changed to "a third FSK".

In claim 48, line 2, "a further FSK" has been changed to "a fourth FSK".

In claim 49, lines 2-3, "any of a FoxCommTM, HARTTM or other" has been changed to "an".

Claims 1-30, 32-50 and 55-57 have been renumbered as 1-22, 24-38, 40-51, 23, 39 and 52, respectively.

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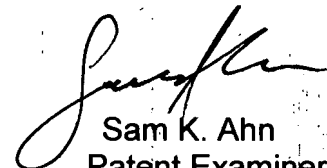
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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sam Ahn whose telephone number is (571) 272-3044. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mohammad Ghayour can be reached on (571) 272-3021. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Sam K. Ahn
Patent Examiner

8/30/07